

KHRISANFOVA, A.I.; GUSEV, R.P. [deceased]; SOBOLEVA, G.N.; TISLIN, T.S.

Inhibition of the coal oxidation process. Trudy IGI 14:108-117  
'60. (Coal) (Oxidation) (MIRA 13:12)

ORSHKO, V.F., TISLEN, T.S.

Oxidation

Investigation of the effect of thermal treatment of coals on their oxidation.  
Zhur. prikl. khim. 25, no. 4, 1952.

AUGUST 1952

9. Monthly List of Russian Accessions, Library of Congress, \_\_\_\_\_, ~~1953~~, Uncl.

GRESHIKO, V.F., TISLIN, T.S.

Coal

Investigation of the effect of thermal treatment of coals on their oxidation.  
Zhur. prikl. khim. 25, no. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, AUGUST 1952 ~~1952~~, Uncl.

On 1952, ... 1952, T. 3.

Coal

Investigation of the effect of thermal treatment of coals on their oxidation. Zhur. prikl. khim. 25 no. 4 (1952)

9. Monthly List of Russian Accessions, Library of Congress, August 1953, Uncl.  
2

U.S.N.C., .. ., 1952, T. 3.

Oxidation

Investigation of the effect of thermal treatment of coals on their oxidation. Zhur. prikl. khim. 25 no. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1953<sub>2</sub>, Uncl.

21

CA

**Effect of thermal treatment of coal on its oxidation.** V. F. Oreshko and T. S. Tishin. *Zhur. Priklad. Khim.* (J. Applied Chem.) 25, 323-84 (1952). Coal heated in a N stream to 270-310° suffers thermal decomposition with loss of the least polymethylated components which form part of the hydrophilic cover of coal micelles which can react with O<sub>2</sub> forming low-temp. complexes. After removal of these products, the residue shows a sharp rise of formation of high-temp. complexes with O<sub>2</sub>, although the ignition temp. remains the same even after treatment at 390-400°. Hence, the low-boiling volatile materials formed during ignition do not appear to affect the ignition temp. significantly. After 390-400° treatment a sharp rise of ignition temp. is observed as a result of complete removal of thermally unstable material. The thus softened coal readily suffers further orientation and rearrangement into crystallite aggregates. Thermal treatment at 430-440° causes a rise of ignition temp. with higher rate of formation of high-temp. O<sub>2</sub> complexes and accelerates crystn. processes in the coal mass. The results are given graphically. G. M. Kozlovskii

TISKRE, W.

The communistic distorted mirror. p.75

TULIMULD (Eesti PEN-klubi, Valismaine Eesto Kirjunike Liit,  
Ulemasilmsne Eesti Kirjanduse Selts) Lund. Estonia.

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.12, Dec. 1959

Uncl.

TISLAR, V.

Using a hollow mixer in the classical refining of insulating oils. p. 67.

KEMIJA U INDUSTRIJI. (Društvo kemičara-tehnologa SRH)  
Zagreb, Yugoslavia  
Vol. 8, no. 3, Mar. 1959.

Monthly list of Eastern European Accession Index (EAI) 10 vol. 8, No. 11  
November 1959  
Uncl.



TISLER, V.

A new system of palletizing sheet paper. p. 241

PAPIE A CELULOZA. (Ministerstvo lesu a drevarskeho pruvysle) Praha,  
Czechoslovakia, Vol. 14, no. 10, Oct. 1959

Monthly List of East European Accession (EMAI) LC, Vol. 9, no. 1,  
Jan. 1960

Uncl.

TISNOVSKY, M.

Tools for pressing ceramic materials. p. 488. (STROJIRENSKA VYROBA,  
Vol. 4, No. 11, Nov 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

TISNOVSKY, M.

"Increasing productivity in drawing." p. 293.

STROJIRENSKA VYROBA. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDELSKYCH STROJU.)  
Praha, Czechoslovakia, Vol. 7, no. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.  
Uncl.

TISNOVSKY, Miroslav, inz.

Vibration thickening of powder substances. Stroj vyr 11 no.9:  
440 S '63.

1. Elektrokeraamika, n.p., Praha.

TISNOVSKY, M.

Standardization of power presses, p. 137, STROJIRENSKA VYROBA  
(Ministerstvo strojirenstvi) Praha, Vol. 3, No. 4, Apr. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 4, No. 12, December 1955

TISHOVKY, M.

How to improve the measuring of fuel consumption. p. 158.  
SVET MOTORU, Praha, Vol. 9, no. 5, Mar. 1955.

SO: Monthly List of East European Accessions, (ASAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

TISON, L.

Antoni Dobrowolski and the expedition of the Belgica. In French  
and Polish. p. 101 ACTA GEOPHYSICA POLONICA  
(Polska Akademia Nauk. Komitet Geofizyki) Warszawa.  
Vol. 3, no. 2, 1955

So. East European Accessions List Vol. 5, no. 1, Jan. 1956

TISOV, L., geolog

Geologist's weapons. Znan. sila 36 no. 2:35-36 F '61. (MIRA 14:5)  
(Prospecting—Geophysical methods)



VOL'POVA, Matil'da Vladimirovna; TISOVSKAYA, Anna Frantsevna;  
KOCHIN, V.P., red.; BRUSKINA, R.I., red. 1zd-va; GRIGORCHUK, L.A.,  
tekhn.red.

[Collection of texts on Refrigerating Engineering (in  
English)] Sbornik tekstov po kholodil'noi tekhnike (na  
angliiskom iazyke). Moskva, Vysshaya shkola, 1963. 81 p.  
(MIRA 16:5)

(Refrigeration and refrigerating machinery)

TISNOVSKY, Z.

New method of assaying rocks in stopes. p. 230.

RUDY. (Ministerstvo hitniho prumyslu a rudnych dolu) Praha, Czechoslovakia,  
Vol. 7, No. 7, July, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,  
November 1959.

Uncl.

CA

Formation of electron pairs during radioactive decay  
V. B. Tissa, *J. Exptl. Theoret. Phys.* (U. S. S. R.), 7,  
686 (1967). - Formulas are derived for the probabilities  
of pair formation in radioactive  $\alpha$  and  $\beta$  decay in the limit-  
ing case of  $\gamma$  quanta and  $\beta$ -particles with very large or  
very small energy values. E. H. Rathmann

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

TISSAREVSKIY, A.S.

Movable milking parlor. Nauka i pered. op. v sel'khoz. 7 no.10:50-51  
0 '57. (MLRA 10:11)

1. Zootekhnik sovkhoza "Udarnik."  
(Milking)

42733

S/843/62/000/000/010/010  
D207/D308

5.4406  
AUTHORS:

Pokrovskiy, N.A. and Tissen, D.S.

TITLE:

Investigation of the adsorbed layers on a liquid metal surface

SOURCE:

Stroyeniye i fizicheskiye svoystva veshchestva v zhidkom sostoyanii; materialy IV sovesch. po probl. zhidkogo sost. veshchestva, v Kiyev 1959 g. Kiev, Izd-vo Kiev. univ., 1962, 119-123

TEXT:

The authors investigated the surface tension and adsorption properties of dilute tin-thallium and tin-antimony alloys because of the importance of surface tension in some problems in the theory of liquid metal state. The alloys were prepared in vacuum from zone-purified tin (less than 10<sup>-3</sup>% by weight of impurities) and from 99.99% pure thallium and antimony. The surface tension was measured using the maximum-value method for a liquid drop. With increase of temperature there were two competing effects: the usual decrease of the surface tension and an increase of the surface ten-

Card 1/3

Investigation of the adsorbed ...

S/843/62/000/000/010/010  
D207/D308

sion due to desorption of thallium or antimony. In the case of Sn + 1.96 at.% Tl the two effects cancelled each other and the surface tension was independent of temperature between 250 and 400°C. From the surface tension data the adsorption (in g-atom/cm<sup>2</sup>) of thallium and antimony on liquid tin was calculated: this adsorption decreased with increase of temperature. The adsorbed thallium and antimony were found to be in a state similar to that of a two-dimensional ideal gas. The authors also calculated the heats of adsorption on liquid tin: they were 1200, 2000, 2700 and 7700 cal/g-atom for bismuth, thallium, antimony and tellurium respectively (in this calculation the authors used some published data in addition to their own results). The heats of adsorption were comparable with the values for physical adsorption of gases and vapors on solid surfaces. For the systems tin-thallium and tin-antimony the heats of adsorption were close to the partial molar heats of solution of thallium and antimony in tin. The heat of adsorption of tellurium on tin was several times greater than the heats of adsorption for the other three metals; it was comparable with the heat of formation of SnTe from liquid tin and solid tellurium, indicating that adsorp-

Card 2/3

Investigation of the adsorbed ...

S/843/62/000/000/010/010  
D207/D303

tion was accompanied by chemical interaction. There are 6 figures.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow  
State University)

✓

Card 3/3

86429

S/181/60/002/011/013/042

B006/B056

24,7700 (1035,1043,1143)

AUTHORS: Kalashnikov, S. G. and Tissen, K. P.

TITLE: Adhesion and Recombination on Many-electron Trapping Centers  
in Semiconductors

PERIODICAL: Fizika tverdogo tela, 1960, Vol. 2, No. 11, pp. 2743-2752

TEXT: It was the aim of the authors to carry out a theoretical investigation of the kinetics of the trapping and recombination of electrons and holes on many-electron centers in non-degenerate semiconductors. Equations are derived for the recombination rate and lifetime of electrons and holes under steady conditions in the case of an arbitrary concentration of trapping centers with two energy levels. The conditions necessary for bringing about adhesion as well as the effect of adhesion upon the lifetime measurement by different methods are studied. The theoretical investigations led to the following results: In the case of an arbitrary position of the energy levels of the centers and an arbitrary position of the equilibrium Fermi level, the adhesion phenomena are, like in the case of simple centers, much more strongly marked if the trapping cross section

Card 1/3



854-7

Adhesion and Recombination on Many-electron  
Trapping Centers in Semiconductors

S/191/60/002/011/013/042  
B006/B056

for the minority carriers is larger than that for the majority carriers. If the two cross sections for an arbitrary level deviate considerably from each other, the adhesion coefficient  $k$  will differ considerably from unity, even if the concentration of the centers is relatively small. In publications, adhesion centers are usually called such centers that, contrary to the recombination centers, interact only with one of the bands, as one of the trapping cross sections is always negligibly small compared to the other. It is shown, however, that the lifetimes  $\tau_p$  and  $\tau_n$  may differ considerably (and thus  $k$  differs considerably from unity) so that, even if  $\gamma_j \approx 1$ ,  $k$  also depends on the concentration of the centers, their energy levels, and the position of the Fermi level. In this case, the same center may function both as a recombination and an adhesion center, and a subdivision of the centers into recombination and adhesion centers becomes impossible. In this connection the authors suggest to speak only of "adhesion effects" instead of adhesion centers. A study of the adhesion effects is of great interest for investigating the properties of local levels. An experimental determination of  $k$  makes it possible, by using the formulas obtained here, to obtain data concerning the trapping cross section ratio  $\gamma_j$  for various

Card 2/3

86429

Adhesion and Recombination on Many-electron Trapping Centers in Semiconductors · S/181/60/002/011/013/042  
B006/B056

levels and its temperature dependence. V. D. Yegorov is thanked for discussions. There are 3 figures and 11 references: 4 Soviet, 6 US, 1 British, and 1 German.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet  
(Moscow State University)

SUBMITTED: June 3, 1960

X

Card 3/3

PHASE I BOOK EXPLOITATION 30V/1297

Vsesoyuznaya nauchno-tekhnicheskaya konferentsiya po primeneniyu radioaktivnykh i stabil'nykh izotopov i izlucheniya v narodnom khozyaystve 1 nauch, Moscow, 1957

Poizheniya izotopov. Nuchnyye gamma-ustanovki. Radiometriya i dozimetriya trudy konferentsii... (Isotope Production. High-energy Gamma-Radiation Facilities. Radiometry and Dosimetry; Transactions of the All-Union Conference on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy and Science) Moscow, Izd-vo AN SSSR, 1958, 293 p. 5,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR; Glavnoye upravleniye po ispol'tovaniyu atomoy energii SSSR.

Editorial Board: Frolov, Yu.S. (Resp. Ed.), Zhavoronkov, N.M. (Deputy Resp. Ed.), Melnikov, K.K., Alekseyev, B.A., Bochkarev, V.V., Lashchinskiy, M.I., Malov, T.P., Slutskiy, V.I., and Popova, O.L. (Secretary); Tech. Ed.: Novichkov, N.D.

PURPOSE: This collection is published for scientists, technologists, persons engaged in medicine or medical research, and others concerned with the production and/or use of radioactive and stable isotopes and radiation.

COVERAGE: Thirty-eight reports are included in this collection under three main subject divisions: 1) production of isotopes 2) high-energy gamma-radiation facilities, and 3) radiometry and dosimetry.

TABLE OF CONTENTS:

PART I. PRODUCTION OF ISOTOPES

Frolov, Yu.S., V.V. Bochkarev, and Ye.Ye. Kulish. Development of Isotope Production in the Soviet Union. Kulish. Development of This report is a general survey of production methods, apparatus, raw materials, applications, investigations and future prospects for radio isotopes in the Soviet Union. 5

Card 2/12

Shutukenberg, Yu.M., and V.I. Drobot. Employing a  $\pi$ -Counter for Absolute Measurement of Activity 270

Shutukenberg, Yu.M., and V.I. Drobot. A Method Employing a  $\pi$ -Counter for Registering Internal-Conversion Electrons 278

Jessen, M.Yu. A Scintillation  $\pi$ -Counter With Stilbene Crystals for Absolute Measurement of Beta-activity. This article describes a counter for the absolute measurement of beta-activity from 0.15 to 3.5 Mev. The instrument uses two standard stilbene crystals (30 mm diameter, 10 mm height), and photomultiplier FEU-19 or FEU-29. Correction factors are discussed and data on activity measurement are plotted. 285

AVAILABLE: Library of Congress

IN/air  
3-10-59

Card 12/12

AUTHOR: Tissen, M. Yu. SOV/ 57-28-7-35/35

TITLE: The Counting Losses Caused by the Statistical Nature of the Photoeffect in the Scintillation  $4\pi$ -Counter for  $\beta$ -Emitters (Poteri scheta, obuslovennyye statisticheskoy priroday fotoeffekta v stsintillyatsionnom  $4\pi$ -schetchike dlya  $\beta$ -izluchateley)

PERIODICAL: Zhurnal tekhnicheskoy fiziki, 1958, Vol. 28, Nr 7, pp. 1617 - 1620 (USSR)

ABSTRACT: The author carries out the calculation of the counting losses caused by the statistical nature of the photoeffect for the case of a continuous  $\beta$ -spectrum. The calculations of the relative counting losses in a  $4\pi$ -scintillation counter are carried out under the assumption that the photoelectron emission can be expressed by Poisson's formula. The results of the calculations are given in form of a diagram for the case of a permitted  $\beta$ -spectrum. An approximation formula for the calculation of the losses is given. This formula can be used for medium and high  $z$ -values, where  $z$  is the nuclear charge of the product. The results of the loss calculation for a counter consisting of two

Card 1/2

The Counting Losses Caused by the Statistical Nature of the Photoeffect in the Scintillation  $4\pi$ -Counter for  $\beta$ -Emitters SOV/57-28-7-35/35

photomultipliers in the case of coincidence agrees sufficiently with the data given in papers. There are 1 figure and 13 references, 1 of which is Soviet.

SUBMITTED: February 11, 1957

1. Scintillation counters--Effectiveness

Card 2/2

USCOM:DC-55731

PHASE I BOOK EXPIRATION 507/563

Method polimerizatsiya i izmereniya radioaktivnykh preparatsiy; sbornik statei (metody dlya proizvodstva i izmereniya radioaktivnykh preparatsiy) (Collection of Articles) Moscow, Akademiya, 1960. 367 p. Errata slip inserted. 6,000 copies printed.

General Ed.: Valeriy Viktorovich Bockharov; Ed.: M.A. Sagurov; Tech. Ed.: M.A. Tlasova.

REMARKS: This collection of articles is intended for scientific and technical personnel working in the production of radioactive isotopes.

CONTENTS: The collection contains original studies on methods of obtaining and measuring radioactive preparations. According to the authors, the articles contain new data, and are of theoretical, practical interest to the extent that they discuss methods of the process of production. In addition to several survey articles the collection contains discussions on the production of radioactive isotopes and inorganic radioactive preparations, including a number of carrier-free isotopes and several colloids, and other dispersible preparations. Also discussed are methods for preparing a number of tagged organic compounds, problems in the analysis of tagged organic compounds, the absolute and relative measurement of activity, and the radioisotopic analysis of preparations. New instruments and equipment are described and instructions concerning measurement methods and technique are included. V.I. Leyn, Candidate of Medical Sciences, V.P. Shishkov, Candidate of Technical Sciences, I.M. Bockharov, Candidate of Biological Sciences, and V.I. Shostak, Candidate of Chemical Sciences, are mentioned as having helped directly in the selection and preparation of the material for publication. References accompany each article.

TABLE OF CONTENTS:

\*Bockharov, I.M., and V.I. Agapov. Qualitative Determination of Tyrosine Tagged With C<sup>14</sup> 217

\*Bockharov, I.M. Testing for Arsenic Impurities in Radioactive Medicinal Preparations 221

PART III. MEASUREMENT OF RADIOACTIVE PREPARATIONS

Bockharov, V.V. Radiometric Characteristics of Preparations 227

Aleksandrov, K.K. System of Measuring Radiometric Characteristics of  $\beta$ - and  $\gamma$ -Emitters 234

Livorn, M.A., and V.V. Bockharov. Measurement of the Activity of Isotopes from Their  $\beta$ -Radiation with the Aid of an End-Window Counter 239

Rapin, V.A., and V.V. Bockharov. Absolute Measurement of the Activity of Certain  $\beta$ -Active Gases and Liquids 261

Tikhonov, M.D., Ya.S. Tikhonov, and K.M. Shlyagin. Method of Measuring the Activity of Volatile Liquids Tagged with C<sup>14</sup> with an End-Window Counter 268

Gubchenko, Ye.A., and L.N. Murchikova. Radiometric Analysis of Certain Radiolabeled Preparations 278

Zolotarev, V.A. Preparation of Samples of Elementary Sulfur, Barium Sulfide, and Barium Sulfate Containing S<sup>35</sup> for Radiometric Measurements 290

Butsaya, L.M., M.A. Livorn, and N.M. Nuzovsk. Methods of Preparing Standard  $\beta$ -Emitters 293

AVAILABILITY: Library of Congress (QD466.B47)

Tissen, M. Yu

81986

S/120/60/000/03/014/055  
E032/E514

21.5300

AUTHOR: Tissen, M. Yu.

TITLE: On a Possible Method of Absolute Measurement of Activity of  $Cl^{14}$  and  $S^{35}$  Labelled Gases /9

PERIODICAL: Pribery i tekhnika eksperimenta, 1960, No 3, pp 51-53

ABSTRACT: The gas under investigation (3-5 ml) is introduced into an evacuated ionisation chamber which is then filled with xenon to a pressure of 1-3 atm. The chamber is shown in Fig 1, in which 1 is the body of the chamber and is made of stainless steel, 2 is the outer electrode, 3 is the collecting electrode, 4 are additional electrodes, 5 are teflon insulators and 6 is the measured volume (shaded). The graph drawn below the chamber shows the potential distribution. The total volume of the chamber is  $750 \text{ cm}^3$ ; the working volume 6 is  $15.8 \text{ cm}^3$ . The various dimensions involved are indicated in Fig 1. If the minimum current which can be measured without special difficulties is assumed to be  $10^{-13}$  amp, then the minimum activity which can be measured is  $0.1 \text{ } \mu\text{C/ml}$ . The upper limit is about

Card 1/2

81986

S/120/60/000/03/014/055  
E032/E514

On a Possible Method of Absolute Measurement of Activity of  $C^{14}$   
and  $S^{35}$  Labelled Gases

100  $\mu C/ml$ . Xenon gas is used because it is inert and has a small electron range owing to the high value of  $Z$ . For example, the maximum range of  $\beta$  particles emitted by  $C^{14}$  and  $S^{35}$  in xenon under normal conditions is 8.6 and 10.5 cm respectively. Xenon also has low values for the excitation energies of metastable states (8.28-9.40 eV). The effect of impurities on the mean energy of formation of ion pairs can be reduced by using freon-12 instead of xenon. A preliminary estimate of the accuracy of the method gave a value of 5%. There are 1 figure and 12 references, 3 of which are Soviet and 9 English.

SUBMITTED: April 2, 1959

Card 2/2



TISSENBAUM, M.S. (Moskva)

Orthopedic intervention in glossalgia. Stomatologiya 40 no.4:  
77-80 J1-Ag '61. (MIRA 14:11)  
(ORTHODONTIA) (MOUTH—DISEASES)

VASIL'YEV, M.Ye.; GROZOVSKIY, A.L.; IL'INA-MARKOSYAN, L.V.; TISSENBAUM, M.S.; BYNIN, B.N., prof.; TSITRIN, D.N., red.; SENCHILO, K.K., tekhn.red.

[Prosthetic dentistry; a textbook for students of dentistry and prosthetic dentistry] Zuboprotoznaya tekhnika; uchobnik dlia uchashchikhsia zuhovrachebnykh i zubotekhnicheskikh uchilishch. Izd. 5., ispr. i dop. Moskva, Gos. izd-vo med. lit-ry, 1958. 495 p. (MIRA 12:1)

(TEETH, ARTIFICIAL)

TISSENBAUM, M.S.

Orthopedic intervention in abrasion of the teeth. Stomatologiya,  
no.6:51-55 N-D '55. (MLBA 9:5)

1. Iz Pervoy polikliniki (glavnyy vrach I.S. Mironenko)  
Chetvertogo upravleniya Ministerstva zdavookhraneniya SSSR.

(TEETH  
abrasion, orthopedic correction)

VASIL'YEV, M.Ye.; GROZOVSKIY, A.L.; IL'INA-MARKOSYAN, L.V.; TISSENBAUM, M.S.  
[authors]; PEVZNER, A.M. [reviewer].

"Techniques of dental prosthesis." M.Z.Vasil'ev, A.L.Grozovskii, L.V.  
Il'ina-Markosian, M.S.Tissenbaum. Reviewed by A.M.Pevzner. Stomatologiya  
no.4:59-61 JI-ag '53. (MLRA 6:9)  
(Teeth, Artificial) (Vasil'ev, M.E.) (Grozovskii, A.L.)

BININA, B. N.; VASILYEV, M. Ye.; GROZDESKIY, A. L.; ILINA-MARKOSYAN, L. V.; TISSENBAUM,  
M. S.  
TISSENBAUM, M. S.

"Techniques of Dental Prosthetics," 1951.

TISTEA, Dumitru

Some considerations on the Black Sea influence on the air  
temperature conditions in the southeastern zone of Rumania.  
Hidroteh apele meteor 10 no.1:32-34 Ja '65.

TISTEA, D.

Calculation and repartition of solar radiation on Rumanian  
territory. Meteorologia hidrol gosp 6 no.1:26-32 '61.

PERLI, S.B.; TISTROVA, O.N., redaktor; BABOCHKIN, S.N., tekhnicheskiiy  
redaktor.

[High-speed windmills] Bystrokhodnye vetrianye dvigateli. Moskva,  
Gos. energeticheskoe izd-vo, 1951. 214 p. (MIRA 8:4)  
(Windmills)



VOININ, B.A., kandidat tekhnicheskikh nauk; ZHURIN, V.D., professor,  
doktor tekhnicheskikh nauk, redaktor; TISTROVA, O.N., redaktor;  
SKVORTSOV, I.M., tekhnicheskiiy redaktor.

[Prospecting, control and analyses of hydraulic fill structures]  
Iz opyta izyskaniy, kontrolya i issledovaniy pri vozvedenii na-  
myvnykh sooruzhenii. Pod red. V.D. Zhurina. Moskva, Gos. energ. izd-  
vo. 1953. 47 p. (MLRA 7:7)

(Volga River--Hydraulic engineering) (Hydraulic engineering--  
(Earthwork) Volga River)

BAZIN, Nikolay Vasil'yevich, inzhener, laureat Stalinskoy premii; TISTROVA,  
O.N., redaktor; SKVORTSOV, I.M., tekhnicheskiiy redaktor

[Tsimlyansk hydroelectric development] TSimlianskii gidrouzel.  
Moskva, Gos. energeticheskoe izd-vo, 1954. 131 p. (MLRA 8:3)  
(Tsimlyansk hydroelectric power station)  
(Tsimlyansk reservoir)

YERMOLOV, V.V.; PETROV, G.D.; TISTROVA, O.N., redaktor.

[Falsework on large-scale structures of hydroelectric power  
stations] Opalubka massivnykh sooruzhenii gidroelektrostantsii.  
2-e ispr. i dop. izd. Moskva, Gos. energ. izd-vo, 1954. 347 p.  
(MLRA 7:7)

(Concrete construction--Formwork) (Hydroelectric power  
stations)

TRIGER, Naum L'vovich; TISTROVA, O.N., redaktor; VORONIN, K.P., tekhnicheskii redaktor.

[Damming a large river by means of stone fill from a floating bridge] Zakrytie krupnoi reki kamennoi nabroakoi s naplavnogo mosta.  
Moskva, Gos.energ.izd-vo 1955. 37 p. (MLRA 8:8)  
(Dams)

TISTROVA, O.N., redaktor; LARIONOV, G.Ye., tekhnicheskiy redaktor

[Engineering and hydrogeological calculation manual for water power construction planners] Spravochnik po inzhenerno-gidrogeologicheskim raschetam pri izyskaniyakh dlia gidroenergeticheskogo stroitel'stva. Moskva, Gos. energ. izd-vo, 1955. 104 p. (MIRA 8:7)

U.S.S.R. (1923- U.S.S.R.) Ministerstvo elektrostantsiy. Upravleniye kapital'nogo stroitel'stva.  
(Hydraulic engineering)

ZENTSOV, Andrey Stepanovich; TISTROVA, O.N., redaktor; LARIONOV, G.Ye.,  
tekhnicheskiiy redaktor

[High precision method of testing the horizontal level in installing  
large scale hydraulic turbines] Vysokotochnyi sposob proverki  
nivelirom porizontal'nosti pri montazhe krupnykh gidroagregatov.  
Moskva, Gos. energ. izd-vo, 1956. 39 p. (MLRA 10:2)  
(Hydraulic turbines) (Leveling)

YUSHMANOV, Oleg Leonidovich; TISTROVA, O.N., redaktor; VORONIN, K.P.,  
tekhnicheskii redaktor

[Inertia circulation in water intake and diversion installations  
of hydroelectric power stations] Inertsionnaya tsirkulatsiya v  
vodopriemnikakh i derivatsionnykh sooruzheniyakh GES. Moskva, Gos.  
energ. izd-vo, 1956. 67 p. (MLRA 9:7)  
(Hydroelectric power stations) (Hydrodynamics)

AGAPOV, D.S.; ARTIBILOV, B.M.; VIKTOROV, A.M.; GINTS, A.N.; GOR'KOV, A.V.;  
 GUSYATINSKIY, M.A.; KARPOV, A.S.; KOLOT, I.I.; KOMAREVSKIY, V.T.;  
 KORYAGIN, A.I.; KRIVSKIY, M.N.; KRAYNOV, A.G.; NESTEROVA, I.N.;  
 OBES, I.S., kandidat tekhnicheskikh nauk; SOSNOVIKOV, K.S.; SUKHOT-  
 SKIY, S.F.; CHLENOV, G.O.; YUSOV, S.K.; ZHUK, S.Ya., akademik, glavnyy  
 redaktor; KOSTROV, I.N., redaktor; BARONENKOV, A.V., professor,  
 doktor tekhnicheskikh nauk, redaktor; KIRZHNER, D.M., professor,  
 doktor tekhnicheskikh nauk, redaktor; SHESHKO, Ye.F., professor, doktor  
 tekhnicheskikh nauk, redaktor; AVERIN, N.D., inzhener, redaktor  
 [deceased]; GOR'KOV, A.V., inzhener, redaktor; KOMAREVSKIY, V.T.,  
 inzhener, redaktor; ROGOVSKIY, L.V., inzhener, redaktor; SHAPOVALOV,  
 T.I., inzhener, redaktor; RUSSO, G.A., kandidat tekhnicheskikh nauk,  
 redaktor; FILIMONOV, N.A., inzhener, redaktor; VOLKOV, L.N., inzhener,  
 redaktor; GRISHIN, M.M., professor, doktor tekhnicheskikh nauk, redak-  
 tor; ZHURIN, V.D., professor, doktor tekhnicheskikh nauk, redaktor;  
 LIKHACHEV, V.P., inzhener, redaktor; MEDVEDEV, V.M., kandidat tekhnicheskikh nauk, redaktor; MIKHAYLOV, A.V., kandidat tekhnicheskikh nauk, redaktor; PETROV, G.D., inzhener, redaktor; RAZIN, N.V., redaktor; SOBOLEV, V.P., inzhener, redaktor; FRINGER, B.P., inzhener, redaktor; TSYPLAKOV, V.D., inzhener, redaktor; ISAYEV, N.V., redaktor; TISTROVA, O.N., redaktor; SKVORTSOV, I.M., tekhnicheskii redaktor

[The Volga-Don Canal; technical report on the construction of the  
 Volga-Don Canal, the TSimlyanskaya hydro development and irrigation  
 works (1949-1952); in five volumes] Volgo-Don; tekhnicheskii otchet  
 (continued on next card)



AGAPOV, D.S. --- (continued) Card 2.

o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V.I.Lenina.  
TSimlanskogo gidrouzla i orositel'nykh sooruzhenii (1949-1952) v  
piati tomakh. Glav.red. S.IA. Zhuk. Moskva, Gos.energ. izd-vo.  
Vol.5. [Quarry management] Kar'ernoie khoziaistvo. Red.toma I.N.  
Kostrov. 1956. 172 p. (MLRA 10:4)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro  
tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Deystvitel'nyy  
cheln Akademii stroitel'stva, i arkhitektury SSSR (for Razin)  
(Quarries and quarrying)

SHTEYNGAUZ, Yevgeniy Oskarovich; NEKRASOV, A.M., red.; TISTROVA,  
O.N., red.

[The fuel-power balances of the main capitalist countries]  
Toplivno-energeticheskie balansy osnovnykh kapitalisticheskikh stran. Moskva, Izd-vo "Energiia," 1964. 125 p.  
(MIRA 17:5)

LIPOVETSKIY, Maks Adol'fovich; BEKERMAN, R.Ye., red.; TISTROVA, O.N.,  
red.; FRIDKIN, L.M., tekhn. red.

[Concrete pumps and their use in hydroelectric power-station  
construction] Betononasosy i ikh primeneniye v gidroenergetiche-  
skom stroitel'stve. Moskva, Gosenergoizdat, 1963. 182 p.  
(MIRA 16:5)

(Concrete construction) (Pumping machinery)  
(Hydraulic structures—Design and construction)

LIPOVETSKIY, Maks Adol'fovich; TISTROVA, O.N., red.; BEKERMAN, R.Ye.,  
red.; FRIDKIN, L.M., tekhn. red.

[Concrete pumps and their use in hydraulic engineering  
construction] Betononasosy i ikh primeneniye v gidroenergeti-  
cheskom stroitel'stve. Moskva, Gosenergoizdat, 1963. 182 p.  
(Pumping machinery) (Concrete construction) (MIRA 16:4)  
(Hydraulic structures)

NEPOROZHNIY, P.S., red.; STEKLOV, V.Yu., red.; TISTROVA, O.N., red.;  
BORULYA, V.L., red.; BORUNOV, N.I., tekhn. red.

[Let us electrify Russia; collection of memoirs of the members of the  
State Commission for the Electrification of Russia and the first  
builders of electric power stations] Sdelaem Rossiю elektricheskoi;  
sbornik vospominanii uchastnikov Komissii GOELRO i stroitelei pervykh  
elektrostantsii. Moskva, Gos. energ.izd-vo, 1961. 381 p.  
(MIRA 14:12)

(Electrification)

ERISTOV, Vissarion Sardionovich; TISTROVA, O.N., red.; BORUNOV, N.I.,  
tekhn. red.

[Utilization of water resources in southeastern Asia and Australia]  
Ispol'zovanie vodnykh resursov Iugo-Vostochnoi Azii i Avstralii.  
Moskva, Gos. energ. izd-vo, 1961. 158 p. (MIRA 14:10)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR  
(for Eristov).

(Asia, Southeastern--Water resources development)  
(Australia--Water resources development)

NEPOROZHNIY, P.S.; TISTROVA, O.N., red.; BORUNOV, N.I., tekhn. red.

[Problems of overall electrification and technological progress  
in the construction of electric power systems in the U.S.S.R.]  
Problemy sploshnoi elektrifikatsii SSSR i tekhnicheskii progress  
v energostroitel'stve. Moskva, Gos. energ. izd-vo, 1960. 44 p.  
(MIRA 14:6)

(Electric power)

STEKLOV, V.Yu.; NEPOROZHNIY, P.S., red.; TISTROVA, O.N., red.; VORONIN, K.P., tekhn.red.

[Fortieth anniversary of the plan of the State Commission for the Electrification of Russia] 40 let plana GOKLRO; sbornik materialov. Pod obshchai red. P.S.Neporozhnogo. Moskva, Gos. energ.izd-vo, 1960. 365 p. (MIRA 14:3)  
(Electrification)



FEDOROV, L.T., kand.tekhn.nauk; LEONT'YEVSKIY, B.B.; GIL'DENBLAT, Ya.D.,  
kand.tekhn.nauk; KORENISTOV, D.V.; ROSSINSKIY, K.I., kand.tekhn.  
nauk; KUZ'MIN, I.A., kand.tekhn.nauk; KONDRATSKAYA, A.A., inzh.;  
NISAR-MUKHAMEDOVA, G.N., inzh.; PANOVA, G.M., inzh.; ROZHDESTVENSKIY,  
G.L., inzh.; SEMIKOLENOV, A.S., inzh.; TSAREVSKIY, S.V., inzh.;  
ZHUKOVA, M.F., inzh.; GRISHIN, M.M., retsenzent; KRITSKIY, S.N.,  
doktor tekhn.nauk, red.; MENKEL', M.F., doktor tekhn.nauk, red.;  
GALAKTIONOV, V.D., kand.geol.-min.nauk, red.; ZAVALISHIN, I.S., inzh.,  
red.; MALYSHEV, N.A., inzh., red.; MIKHAYLOV, A.V., doktor tekhn.  
nauk, red.; PETROV, G.D., inzh., red.; RAPOPORT, Ya.D., red.; RUSSO,  
G.A., kand.tekhn.nauk, glavnyy red.; SEVAST'YANOV, V.I., inzh., red.;  
TITOV, S.V., inzh., red.; TISTROVA, O.N., red.; LARIONOV, G.Ye.,  
tekhn.red.

[Hydrology and water economy of the Volga-Don] Gidrologiia i vodnoe  
knoziaistvo Volgo-Dona. Pod red. S.N.Kritskogo i M.F.Menkela.  
Moskva, Gos.energ.izd-vo, 1960. 146 p. (MIRA 13:11)

1. Moscow. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-issledo-  
vatel'skiy institut "Gidroproyekt" imeni S.Ya.Zhuk. 2. Deystvitel'-  
nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin).  
(Don River--Water resources development)

SHANSHIYEV, Sergey Konstantinovich; TAYCHER, S.I., inzh., red.;  
TISTROVA, O.N., red.; VORONIN, K.P., tekhn.red.

[Designing plain and reinforced-concrete linings of hydraulic tunnels; methods and calculations] Proektirovanie obdelok gidrotekhnicheskikh tunnelei iz monolitnogo betona i zhelezobetona; metodologiya i raschety. Pod obshchei red. S.I.Taichera. Moskva, Gos.energ.izd-vo, 1960. 71 p. (Materialy po proektirovaniu gidroenergeticheskikh uzlov. Seriya 4. Gidroelektrostantsii, gidrotekhnicheskie sooruzheniya, konstruksii i materialy). (MIRA 13:12)

(Hydraulic structures)

(Tunneling)

RAZIN, Nikolay Vasil'yevich; TISTROVA, O.N., red.; BORUNOV, N.I.,  
tekhn.red.

[Construction of the Volga Hydroelectric Power Station] Opyt  
stroitel'stva Volzhskoi gidroelektrostantsii imeni V.I.Lenina.  
Moskva, Gos.energ.izd-vo, 1960. 282 p.

(MIRA 13:11)

(Volga Hydroelectric Power Station)

TISLER, M.

Reduction of some *N*-substituted amideacetophenones with lithium aluminum hydride. C. Benko and M. Tisler (Univ. Ljubljana, Yugoslavia). *Croat. Chem. Acta* 30, 213-8 (1957). A soln. of 17 g.  $\text{PhNHCH}_2\text{CN}$  in 70 ml.  $\text{Et}_2\text{O}$  was added with stirring to 4.9 g.  $\text{LiAlH}_4$  in 300 ml.  $\text{Et}_2\text{O}$  during 2 hrs. at  $6^\circ$ , the mixt. stirred 0.5 hr., 20 ml.  $\text{H}_2\text{O}$  added, the aq. layer sep'd., extd. with four 50-ml. portions  $\text{Et}_2\text{O}$ , and the exts. dried and distd. to yield 4.6 g.  $\text{PhNHMe}$  (I) and 5.8 g.  $\text{PhNHCH}_2\text{CH}_2\text{NH}_2$  (II), b.p.  $126-33^\circ$ ; di-Ac deriv. of II m.  $118^\circ$ . With boiling tetrahydrofuran in place of  $\text{Et}_2\text{O}$  the yield was 68.3% I and 13.3% II. In same manner the following  $\text{RNHCN}$  were reduced in boiling  $\text{Et}_2\text{O}$  [R, % yield of  $\text{RNHMe}$ , % yield of  $\text{RNHCH}_2\text{CH}_2\text{NH}_2$  (III), b.p./mm. of III, formula of the deriv. from III and  $\text{PhNCS}$  and its m.p. given]: *p*- $\text{MeC}_6\text{H}_4$ , 37.5, 20.1,  $155-7^\circ/16$ ,  $\text{C}_{10}\text{H}_{11}\text{N}_2\text{S}$ ,  $119^\circ$ ; *o*- $\text{MeC}_6\text{H}_4$ , 30, 18.7,  $152-7^\circ/16$ ,  $\text{C}_{10}\text{H}_{11}\text{N}_2\text{S}$ ,  $113^\circ$ ; *m*- $\text{MeC}_6\text{H}_4$ , 60.4, 16.1,  $150-00^\circ/13$ ,  $\text{C}_{10}\text{H}_{11}\text{N}_2\text{S}$ ,  $109^\circ$ ;  $\text{C}_6\text{H}_5$ , 14.8, 19.4,  $95-6^\circ/12$ ,  $\text{C}_{10}\text{H}_{11}\text{N}_2\text{S}$ ,  $152^\circ$ ;  $\text{PhCH}_2$ , 3.5, 25,  $134-5^\circ/18$ ,  $\text{C}_{10}\text{H}_{11}\text{N}_2\text{S}$ ,  $169^\circ$ .  
B. Gustak

4  
HE32  
2 g/g (NB)  
HE20 (p)

TISLER, M.

Distr: 4E3d/4E2c(j)

✓ Rearrangement of *N*-substituted 1-thiocarbamylazetidines into derivatives of 2-imino-3,4,5,6-tetrahydro-1,3-thiazine. M. Tisler (Univ. Ljubljana, Yugoslavia). *Tetrahedron Letters* 1959, No. 12, 12-15. The behavior of 4-membered ring compds. related to *N*-substituted 1-thiocarbamylazetidines under conditions applied for the rearrangement of the 3-membered ring was investigated. Treatment of azetidine with the appropriate isothiocyanate gave 1-thiocarbamylazetidines,  $H_2C(CH_2)_2NCSNR$  (I) (R and m.p. given): Ph, 112°; *p*-MeC<sub>6</sub>H<sub>4</sub>, 144-5°; *p*-MeC<sub>6</sub>H<sub>4</sub>, 167°; *p*-EtOC<sub>6</sub>H<sub>4</sub>, 120°; *m*-ClC<sub>6</sub>H<sub>4</sub>, 112°; and *p*-ClC<sub>6</sub>H<sub>4</sub>, 146-7°. I heated 15 min. with concd. HCl in excess were transformed almost quant. into 2-imino-3,4,5,6-tetrahydro-1,3-thiazine

derivs. (II),  $HN(CH_2)_2S.C:NR$  (R and m.p. given): Ph, 127°; *p*-MeC<sub>6</sub>H<sub>4</sub>, 140°; *p*-EtOC<sub>6</sub>H<sub>4</sub>, 132°; *m*-ClC<sub>6</sub>H<sub>4</sub>, 150°; and *p*-ClC<sub>6</sub>H<sub>4</sub>, 156-7°. II were more simply prepd. by condensing the appropriate isothiocyanate in alc. with  $H_2N(CH_2)_2OH$  and direct cyclization with hot concd. HCl without previous isolation. II prepd. in this way were (R and m.p. given): *o*-MeC<sub>6</sub>H<sub>4</sub>, 121°; *m*-MeC<sub>6</sub>H<sub>4</sub>, 90-1°; *p*-MeOC<sub>6</sub>H<sub>4</sub>, 144°; *o*-MeOC<sub>6</sub>H<sub>4</sub>, 127°; and C<sub>6</sub>H<sub>11</sub>, 113°.

Monosubstituted II may exist in 2 forms as  $S(CH_2)_2.NR'$  or  $C:NR$  (III) or  $S(CH_2)_2.N:CNRR'$ , where  $R' = H$ . On the basis of infrared spectra detns. of II (R = Ph), III (R = Ph,  $R' = Me$ ), b<sub>12</sub> 175-80°, and III (R =  $R' = Ph$ ), III seems the most probable structure for the monosubstituted compds. ( $R' = H$ ).

C. R. Addinall

✓/1

cw

3  
1-515 (v8)  
2

81570  
S/076/60/034/06/13/040  
B015/B061

128100  
AUTHORS:

Pokrovskiy, N. L., Tissen, D. S. (Moscow)

TITLE:

The Properties of Metallic Solutions. VI. The Effect of Indium and Germanium Admixtures on the Surface Tension and Microstructure of Tin<sup>1</sup>

PERIODICAL: Zhurnal fizicheskoy khimii, 1960, Vol. 34, No. 6, pp. 1238-1242

TEXT: The effect of indium and germanium admixtures on the surface tension  $\sigma$  of tin was examined, as In and Ge show a similar value of  $\sigma$  as tin, possess different melting temperatures, and are soluble in liquid and solid tin (Table, physicochemical properties of In, Ge, and Sn). The surface tension was determined by the capillary method. The value  $\sigma$  was measured on two tin samples in the temperature range from 250-500°C, i.e., on tin purified by zone melting, and on tin purified by long heating at 1000°C in vacuo. Both samples showed the same  $\sigma$  value within the limits of the error in measurement. The surface tension of Sn - In solutions was determined in the temperature range 250-450°C with additions

Card 1/3

81576  
The Properties of Metallic Solutions. VI. The S/076/60/034/06/13/040  
Effect of Indium and Germanium Admixtures on the B015/B061  
Surface Tension and Microstructure of Tin

of 0.34 to 2.42 at% In, and the Sn - Ge system at 400-500°C with additions of from 0.5 to 2 at% Ge. It was established that In and Ge do not change the surface tension of tin. Tests on the microstructure of alloys and crystallization kinetics with additions of from 0.005 to 0.05 at% Ge or In showed that these quantities of admixtures do not alter the structure of the tin, whilst additions of from 0.4 at% strongly affect the dispersion degree of tin. Germanium refines the tin structure to the same degree by crystallization by rapid or slow cooling, whilst with In admixtures, the effect on the structure of tin depends on the rate of cooling. With a cooling rate of 0.7°C per minute, a coarse structure is obtained, and with a rate of 7°C per minute, a fine one. V. I. Karpov and V. D. Kuznetsov are mentioned in the text. There are 3 figures, 1 table, and 14 references: 8 Soviet, 1 French, 5 American, and 1 German.

Card 2/3

The Properties of Metallic Solutions. VI. The  
Effect of Indium and Germanium Admixtures on  
the Surface Tension and Microstructure of Tin

81570  
S/076/60/034/06/13/040  
B015/B061

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova  
(Moscow State University imeni M. V. Lomonosov)

SUBMITTED: July 22, 1958

Card 3/3



TISTULEASA, Fl., technician

News from the construction site of Complex of Wood Industrialization,  
Pitesti. Constr Buc 15 no.725;1 30 N '63.

TISTULEASA, P.L.

Two new models of manufacturing. Const. for 16  
no. 160:1 1/2 in. 1/2 in.

TISTULEASA, Florea, tehnician

The lights of reflectors. Constr Buc 16 no.735:1 8 P'64.

TISTULEASA, Florea, tehnician; SANDA, Constantin; ISZLAI, Albert

In short. Constr Buc 16 no. 738:1 29 February 1964.

TISTULEASA, Florea, tehnician; CHIS, Stefan

Concretes of superior quality. Constr Buc 15 no.723:1 16 N  
'63.

MIHAICU, Florica, dr.; HORHOGEA, Gita, dr.; IVAN, I.M., prof.; PETRESCU, R., dr.; TISU, Alexandrina, /dr.

Contribution to the study of the epidemiology of streptococcal infections in several child communities. I. Preliminary bacteriological data. Microbiologia (Bucur) 10 no.2:119-128 Mr-Ap'65.

1. Lucrare efectuata in Sectia coci patogeni a Institutului "Dr. I. Cantacuzino", la Catedra de epidemiologie, Institutul medico-farmaceutic, Bucuresti, si Insectia de stat pentru igiena si protectia muncii din Raionul VI, Bucuresti.

TISZA, Sander

Manufacture of thin layers and layer systems and their use in optics.  
Kep hang 5 no.3:79-84 Je '59.

1. Magyar Optikai Muvek.

TISZAI, Aladar, dr.; KRIZSNYA, Ferenc, dr.; RAK, Kalman, dr.

Observations in acute erythromyelosis. Orv. hetil. 106 no. 51:  
2415-2418 19 D ' 65.

1. Makoí Varosi Tanacs Korhaz, Belgyogyaszati Osztaly, Mako,  
es OTE I. Belgyogyaszati Klinika, Szeged.



NACSA, Zoltan; TISZAVARY, Otto, dr.

The J. VII.M. diffusion in the Mezőhegyes Sugar Factory. Cukor  
16 no.9:266-271 S '63.

EMODI, Ferenc; TISZAVARY, Otto, dr.

Experiments with drum filter at the Mezohegyes Sugar  
Factory. Cukor 12 no.4:92-94 Ap '59.

PAULIK, Istvan; TISZAVARY, Otto, dr.

Corrosion in the sugar industry. Cukor 12 no.7:182-184,  
Jl '59.

TISZAVARY, Otto, dr.

---

Comparative laboratory test of activated carbon. Cukor 16 no.7:  
204-206 JI '63.

1. Mezohegyesi Cukorgyar.

HAMAR, N.; MOLNAR, B.; SZAZADOS, I.; TISZAVOLGYI, Gy.

Data on the physiological foundation of norms relating to the  
handling of materials. Pt.1. Munkavedelem 7 no.4/6:31-39  
'61.

HAMAR, N.; SZAZADOS, I.; TISZAVOLGYI, Gy.

Data on the physiological foundation for the conveyance of materials norms. IV. Conveyance of materials by barrow. Munkavedelem 8. no.4/6:29-37 '62.

1. Orszagos Munkaegeszsegugyi Intezet.

MERO, Endre; TISZAVOLGYI, Gyorgy; KOLTAI, Andras

Comparison of the results of labor ability tests with the actual physical performance in the occupational work. Munkavedelem 8 no.4/6:38-42 '62.

HAMAR, Norbert; MOLNAR, Bela; SZAZADOS, Istvan; SZERDAHELYI, Jozsef;  
TISZAVOLGYI, Gyorgy

Data on the physiological foundation of norms relating to the  
handling of materials. Pt. 2. Munkavedelem 7 no.7/9:36-42  
'61.

1. Orszagos Munkaegeszsegugyi Intezet.



III. V.

Achievements of the Banast Worker to 15. Int text but 15 no. 2.  
170-421 Ag 164

1. Director General, District Local Office.

MOLCHANOV, A.P., inzh.; NIKULIN, K.K., arkhitektor; TITAKOV, A.I., inzh.

Designs for prefabricated buildings of pipe drawing mills.

Sbor. trud. NII po stroi. ASiA [Sverd.] no.8:17-28 '63.

(MIRA 16:10)

DURGARYAN, A.A.; TITANYAN, S.A.

Synthesis and reactions of 1-chloro-1,2-epoxides. Report No.1:  
Synthesis of substituted 2-chloro-2,3-epoxybutanes. Izv.AN Arm.  
SSR.Khim. nauki 13 no.4:263-268 '60. (MIRA 23:22)

1. Yerevanskiy gosudarstvennyy universitet, laboratoriya kinetiki  
polimerizatsionnykh protsessov.  
(Butane)

S/194/61/000/010/022/082  
D222/D301

AUTHOR: Titov, A.S.

TITLE: On the problem of analogues for the transient processes in d.c. electrical propeller systems

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 10, 1961, 19, abstract 10 B122 (Sudostroyeniye, 1961, no. 2, 34-38)

TEXT: A specialized analogue computer has been built for investigating transient processes in electrical propeller systems, in which the individual operations are executed both with blocks containing operational amplifiers and with circuits containing passive elements. The special function generators are built with HNC (NPS) type semiconductor resistors. The results obtained from the analogue device agree well with the data of actual experiments. 7 figures. 3 references. [Abstracter's note: Complete translation] ✓

Card 1/1

ZHUK, S.Ya., akademik, glavnyy redaktor; SOBOLEV, V.P., redaktor toma;  
TISTROVA, O.N., redaktor; SKVORTSOV, I.M., tekhnicheskiy redaktor

[The Volga-Don Canal; technical report on the construction of the  
V.I.Lenin Volga-Don Canal, the Tsimlyanskaya Hydraulic System and  
irrigation works. In five volumes (1949-1952)] Volgo-Don; tekhnicheskii otchet o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V.I.Lenina, TSimlianskogo gidrouzla i orositel'nykh sooruzhenii. V piati tomakh. 1949-1952). moskva, Gos. energ. izd-vo. Vol.3.  
[Earthwork] Zemlianye raboty. Glav.red. S.IA.Zhuk. Red. toma V.P. Sobolev, 1956. 286 p. (MLRA 10:1)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona.  
(Volga-Don Canal--Earthwork)

ZHUK, S.Ya., akademik, glavnyy redaktor; PETROV, G.D., redaktor toma;  
TISTROYA, O.N., redaktor; SKVORTSOV, I.M., tekhnicheskiy redaktor

[Volga-Don; technical report on the construction of the V.I.Lenin  
Volga-Don Canal, the TSimlyansk Hydroelectric Development and  
Irrigation Facilities] Volgo-Don; tekhnicheskii otchet of stroitel'-  
stve Volgo-Donskogo sudokhodnogo kanala imeni V.I.Lenina TSimlin-  
skogo gidrouzla i orositel'nykh sooruzhenii. V piati tomakh (1949-  
1952). Moskva, Gos. energ. izd-vo. Vol.4. [Concrete work] Betonnye  
raboty. Glavn.red. S.IA.Zhuk. Red. toma G.D.Petrov. 1956. 427 p.

(MLRA 9:12)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro  
tekhnicheskogo otcheta o stroitel'stve Volgo-Dona.  
(Volga-Don Canal) (Concrete construction)

RUSSO, G.A., inzh., red.; TISTROVA, O.N., red.; BORUNOV, N.I., tekhn.red.

[Series of hydroelectric power stations on the Volga and Kama  
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